

## CLAIMS

What is claimed is:

1 *Sub A2* 1. An apparatus comprising:

2 a data processing device; and

3 a display coupled to said data processing device at a pivot point and  
4 rotatable around said pivot point from a closed position to an open position,  
5 wherein said display is viewable in both said closed position and said open  
6 position.

1 2. The apparatus as in claim 1 wherein said data processing device  
2 comprises a first group of control elements covered by said display when said  
3 display is in a closed position.

1 3. The apparatus as in claim 2 wherein said first group of control  
2 elements comprise a keyboard.

1 4. The apparatus as in claim 2 wherein said data processing device  
2 comprises a second group of control elements not covered by said display when  
3 said display is in a closed position.

*Sub B1* 5. The apparatus as in claim 4 wherein said second group of control  
2 elements comprise a control knob and a set of control buttons.

1 *Sub A3* 6. The apparatus as in claim 1 wherein said display is inverted when in  
2 said open position relative to said closed position.

1 7. The apparatus as in claim 6 further comprising:  
2 a switch configured to trigger when said display is rotated from said open  
3 position to said closed position.

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2 8. The apparatus as in claim 7 further comprising:  
3 image inversion logic to invert images on said display responsive to said  
switch triggering.

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1 9. An apparatus comprising:  
2 a data processing device; and  
3 a support arm having a first end and a second end, rotatably coupled to  
4 said data processing device at said first end; and  
5 a display rotatably coupled to said support arm at said second end, said  
6 display being viewable regardless of how said display and support arm are  
7 rotated with respect to said data processing device.

1 10. The apparatus as in claim 9 wherein said data processing device  
2 comprises a first group of control elements covered by said display when said  
3 display is in a closed position.

1 11. The apparatus as in claim 10 wherein said first group of control  
2 elements comprise a keyboard.

1 12. The apparatus as in claim 10 wherein said data processing device  
2 comprises a second group of control elements not covered by said display when  
3 said display is in a closed position.

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1 13. The apparatus as in claim 12 wherein said second group of control  
2 elements comprise a control knob and a set of control buttons.

1 14. The apparatus as in claim 12 further comprising:  
2 a switch configured to trigger when said display is moved to said closed  
3 position.

1 15. The apparatus as in claim 14 further comprising:  
2 user interface selection logic to select new user interface functions  
3 responsive to said switch triggering.

1 Sub 16. An apparatus comprising:  
2 a data processing device;  
3 a display rotatably coupled to said data processing device and configured  
4 to rotate within a plane from a first position to a second position, wherein in said  
5 first position said display covers one or more control elements on said data  
6 processing device and wherein in said second position said display is inverted  
7 relative to said first position.

1 17. The apparatus as in claim 16 wherein said one or more control  
2 elements comprise a keyboard.

1 18. The apparatus as in claim 17 wherein said data processing device  
2 comprises one or more additional control elements not covered by said display  
3 when said display is in said first position.

1 19. The apparatus as in claim 18 wherein said additional control elements  
2 comprise a control knob and a set of control buttons.

1 20. The apparatus as in claim 16 further comprising:  
2 a switch configured to trigger when said display is rotated from said first  
3 position to said second position.

1 21. The apparatus as in claim 20 further comprising:  
2 image inversion logic to invert images on said display responsive to said  
3 switch triggering.

1 22. The apparatus as in claim 19 wherein said control knob is configured  
2 to scroll between items within a list.

1 23. The apparatus as in claim 22 wherein one of said control buttons is  
2 configured to select items within said list.

1 24. The apparatus as in claim 23 wherein one of said control buttons is  
2 configured to back out of selected items.

1 25. The apparatus as in claim 19 wherein said control buttons and control  
2 knob are user-programmable.

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